



WORKING DRAFT

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					Portals			Virtual Data Center	Future Systems	Single Sign-on
SFA - Single Sign-on	DLCS (Direct Loan Consolidation System)	DLSS (Direct Loans Servicing System)	FAFSA on the web	FAA Access On-line	Schools Portal	Financial Partners Portal	Students Portal	VDC	DMAS - electronic submittal of audit reports and financial statements	
Date Collection Status	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete		Planned
General	Direct Loan consolidations	Borrower Direct Loan Servicing (edServing)			User ID only used for outsourcing Portal homepage. Not required.	Under development	Under development	System infrastructure		Single sign-on to SFA applications by enrolled users
Contacts										
IFT contact	Robert Laurence	Robert Laurence	Robert Laurence	Robert Laurence	Colleen Kennedy	Pam Elisads	Robert Laurence	Ray Thomas/Gary Adams		Neil Sattler
Business Process					User Portal	User Portal	User Portal			User Access Security
Business Owner					Key Jacks 202-577-4286	John Reeves	Jennifer Douglas			Steve Hawald
System Owner	Denise Lefebvre, (202) 377-3293	Den Haywood, (202) 377-3207	Jennifer Douglas, (202) 377-3246				Mary K. Morris 202-377-3002			
System Manager (SM)	Denise Lefebvre, (202) 377-3293	Den Haywood, (202) 377-3207	Jeanne Saunders, (202) 377-3246		Colleen Kennedy, (202) 377-4115		Mary K. Morris 202-377-3002	Keith Wilson, (202) 377-3281		
System Security officer (SSO)	Yvette Payne, (202) 377-3295	Shonda Piper, 202-377-3275	Yvonne Somerville (pending), 202-377-3247		Lloyd Nicholson, (202) 377-4336		Yvonne Somerville, (202) 377-3202	Jim Cunningham, 202-377-3577		
Login (Credentials)										
Username	SSN + First two letters of last name + Date of birth	SSN + First two letters of last name + Date of birth	SSN + First two letters of last name + Date of birth	SSN + First two letters of last name + Date of birth	School Portal Username	FP Portal Username, only used to access personalization page	Student Portal Username, only used to access personalization page			
Minimum length	9 numeric+2alphabetic+1alpha-numeric	9 numeric+2alphabetic+1alpha-numeric	9 numeric+2alphabetic+1alpha-numeric	9 numeric+2alphabetic+1alpha-numeric	N/A	6	6			
Maximum length	9	9	9	9	8 characters	9	9			
Syntax rules	Must not be empty. 9 characters long	Must not be empty. 9 characters long	Must not be empty. 9 characters long	Must not be empty. 9 characters long	First letter of first name + (up to) 5 letters of last name + number assigned incrementally for matching strings	Must not be blank, must be between 6-9 alphanumeric characters long, check for profane words	Must not be blank, must be between 6-9 alphanumeric characters long, check for profane words			
Password/PIN/Other	SFA-PIN	SFA-PIN	SFA-PIN	SFA-PIN	School Portal Password, user selected	FP Portal Password	Student Portal Password			
Lifetime	Expires after 6 months of inactivity; else valid indefinitely	Expires after 6 months of inactivity; else valid indefinitely	Expires after 6 months of inactivity; else valid indefinitely	Expires after 6 months of inactivity; else valid indefinitely	never expires	Expires after 6 months of inactivity; else valid indefinitely	Expires after 6 months of inactivity; else valid indefinitely			
Minimum length	4	4	4 char	4	N/A	6	6			
Maximum length	6	6	6 char	6	16 characters	9	9			
Syntax rules	Must not be blank, must be digits	Must not be blank, must be digits	Must not be blank, must be digits	Must not be blank, must be digits	none	Must not be blank, must be between 6-9 mixed alphanumeric characters and contain at least two letters, at least one uppercase letter, no special characters or repeating characters are allowed	Must not be blank, must be between 6-9 mixed alphanumeric characters and contain at least two letters, at least one uppercase letter, no special characters or repeating characters are allowed			
Previous passwords stored	No	No	No	No	no	No	No			
System where credentials are stored	SFA-PIN site	SFA-PIN site	SFA-PIN site	SFA-PIN site	Oracle database	Oracle DB located at the VDC	Oracle DB located at the VDC			
General	PIN not retrievable	PIN not retrievable	PIN not retrievable	PIN not retrievable						
Guest accounts	No	No	No	No	N/A	No, but most pages accessible without authentication	No, but most pages accessible without authentication			
Disable when inactive	Yes, after 6 month	Yes, after 6 month	Yes, after 6 month	Yes, after 6 month	Yes, upon receipt of undeliverable email	After 6 month	After 6 month			
Credential data elements		Username, PIN (Username consists of SSN, DOB, LN)	Username, PIN (Username consists of SSN, DOB, LN)	Username, PIN (Username consists of SSN, DOB, LN)	First name, last name, email address, user selected password	Username, Password	Username, Password			
Single or multiple logins for one user	Single	Single	One PIN per user	Single	Multiple	No	No			
Different credentials for user groups	No	No	Students, Parents only	No	No	N/A	N/A			
Encryption of credentials	Yes, two-way	Yes, two-way	4056/128-bit encryption. One-way	Yes, two-way	Yes, one-way for password	Yes, One way	Yes, One way			
Comments		borrowers are authenticated via VRU during calls				If a temporary password is created that password will expire within a few days. It is used to login then it will immediately expire and the user is forced to change their password.	If a temporary password is created that password will expire within a few days. It is used to login then it will immediately expire and the user is forced to change their password.			
User management										
Enrollment	SFA self service PIN web site	SFA self service PIN web site	SFA self service PIN web site	SFA self service PIN web site	Web self service, no validation	Automated	Automated			
Enrollment data elements	SFA-PIN	SFA-PIN	SFA-PIN	SFA-PIN	FN, LN, email address, password					
Username creation automated	Yes	Yes	Yes, utilize preexisting items - SSN, DOB, LN	Yes	Yes	User can set initial password and username. Forgotten passwords trigger an email with a temporary password.	User can set initial password and username. Forgotten passwords trigger an email with a temporary password.			
System generates initial Password	Yes, but changeable	Yes, but changeable	Yes, but changeable	Yes, but changeable	No	No	No			
User is forced to change initial Password	No, mail via USPS to recipient	No, mail via USPS to recipient	No, mail via USPS to recipient	No, mail via USPS to recipient	No	No	No			
Removal										
Average time before removal	Immediately	Immediately	Immediately	Immediately	None removed	Immediately	Immediately			
Manual or automated	?	?	?	?	Manual	Automated	Automated			

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User groups, where stored	PIN DB (Oracle DB housed at VDC)	PIN DB (Oracle DB housed at VDC)	Students. Stored on an Oracle database located at NCS Pearson	PIN DB (Oracle DB housed at VDC)	N/A	No groups	No groups			
Password administration automated	Yes	Yes	Yes	Yes	Self Service on web	Yes, via Web	Yes, via Web			
Number of enrolled users	27,274,093 including other SFA-PIN sites	27,274,093 including other SFA-PIN sites	approx. 5 million	27,274,093 including other SFA-PIN sites	13,187. However many user have multiple registrations	?	?			
Session management										
Timeout	30 minutes	30 minutes	30 minutes	30 minutes	No	30 minutes of inactivity	30 minutes of inactivity			
Logout button	Yes	Yes	Yes	Yes	Yes	No	No			
Mechanism for session management	Oracle WAS (Session DB)	Oracle WAS (Session DB)	Oracle WAS (Session DB)	Oracle WAS (Session DB)	N/A	WAS Oracle session DB/WebSphere/Struts	WAS Oracle session DB/WebSphere/Struts			
Concurrent Sessions	No	No	No	No	Yes	No	No			
Access										
Access limited by time	No, 24x7 availability	No, 24x7 availability	No, 24x7 availability	No, 24x7 availability	No	No	No			
Access limited by location	No	No	No	No	No	No	No			
Web or dedicated access	Web and IVR	Web and IVR	Internet access only, WAS Web-application server Oracle session database	Web and IVR	Web	FTPs will use the Internet	Students will use the Internet			
Environment										
Hardware	NCS Pearson - PIN database, VDC - Web Application	NCS Pearson - PIN database, VDC - Web Application	NCS Pearson - PIN database, VDC - Web Application	NCS Pearson - PIN database, VDC - Web Application	VDC					
Data Center Location										
Hardware platform	SFA-PIN HP DLCS-HP	SFA-PIN-HP	HP, Sun	HP	HP 8000 T 600	Sun E3500	HP, ?			
Operating System	SFA-PIN-HP-UX/Unix DLCS-HP-UX 11.0, Solaris 7.3.1	SFA-PIN-HP-UX/Unix DLSS, Compaq Alpha Open VMS 7.5, Windows 2000 server, NT 4.0, Oracle 7.5.4 MS SQL server 7.0 & 2000	HP-UX 11.0, Solaris 8, Oracle 8i 8.1.7	HP-UX/Unix	HP-UX 11.0	Solaris 2.6	HP-UX			
Application Server	SFA-PIN WebSphere	WebSphere	WebSphere 3.5	WebSphere	WebSphere	WebSphere	WebSphere			
Web server	SFA-PIN-IBM HTTP server DLCS	IBM HTTP server	IBM HTTP server 1.3.12	IBM HTTP server	IBM HTTP server	IBM HTTP server	IBM HTTP server			
Interface										
External systems utilizing authentication/authorization	?	?	SFA-PIN web site	?	None	N/A	N/A			
Customer Care										
Helpdesk	PC (NCS Pearson)	PC (NCS Pearson)	Federal Student Aid Information Center, 847-84M - 12PM (EST) operated by NCS Pearson CSRs	PC (NCS Pearson)	SFA Customer Service Call Center 1-800-433-7225 Email at sfa.customer.sip@uii.edu	TBD	TBD			
Percentage of calls related to access problems			??			N/A	N/A			
Operations										
Cross to operate/administer access control processes and operations			??			N/A	N/A			
Equipment						N/A	N/A			
Hardware						N/A	N/A			
Administration						N/A	N/A			
Development						N/A	N/A			
Maintenance						N/A	N/A			
Administrative authentication mechanism	Username, Password	Username, Password	Username, Password	Username, Password	Schools Portal Database	N/A	N/A			
Log										
Transactions provided by system			Fill Out FAFSA on the Web, Spanish FAFSA on the Web, Renewals FAFSA on the Web, Corrections FAFSA on the Web, Student Access, Federal School Code Search		N/A	N/A	N/A			
Legal actions and liabilities			??		N/A	N/A	N/A			
Safeguards to authenticate users	Provide PIN before submission	Provide PIN before submission	PIN authentication for access. E-sign is a separate section after the on-line FAFSA form.	Provide PIN before submission	None	N/A	N/A			
Use of and protections for Privacy Act, and confidential/sensitive data	Yes	Yes	Yes, data is confidential Data protected by Privacy Act. Data not available to public	Yes	No	No	No			